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Application of Convolution Neural Network in Defect Detection of 3C Products

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Abstract: *Some uncontrollable defects will occur on the surface of metal work pieces during processing. The existence of surface defects not only affects the appearance of the finished product, but also affects the quality to a certain extent. Surface defect detection of metal work pieces can effectively improve product quality and production efficiency, and is an important link in the process of product quality control. Although there are many different types of surface defect detection methods, in the actual production process, due to the characteristics of multiple types and irregular distribution of the surface defects of metal work pieces, in most cases, manual inspection or simple machine inspection is still used to detect the surface of metal work pieces.*

Keywords: Defect.

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